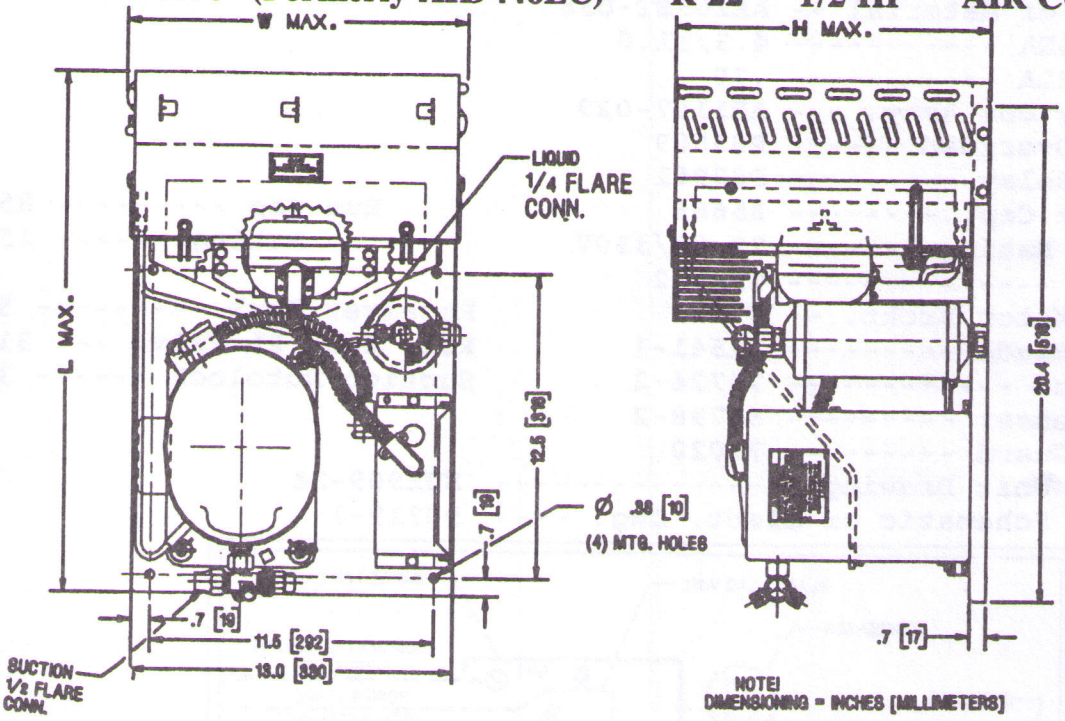
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AKA9446EXDXC (Formerly AK9446EC) R-22 1/2 HP AIR COOLED



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AKA9446EXDXC	20.6	13.9	13.2	10.0	1/2 F	1/4 F	3.8#	600	15	72

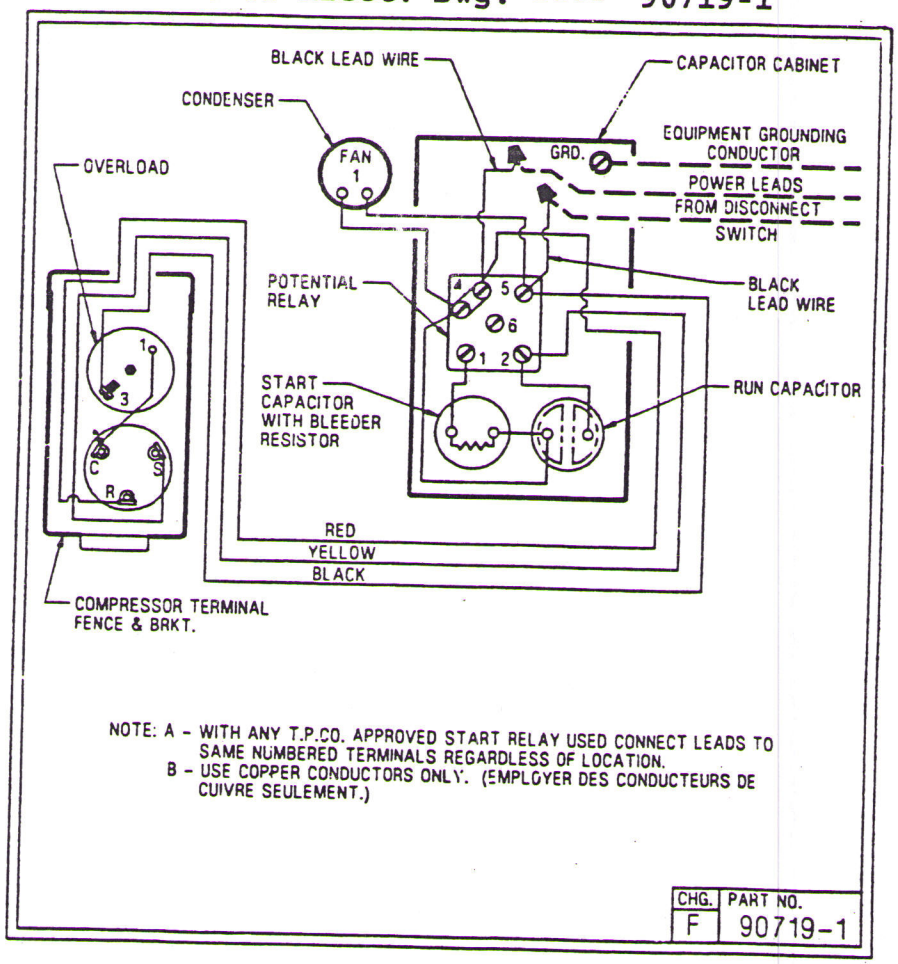
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-10	16.5	1800	510	195	1450	440	220	—	—	—
-5	20.0	2200	560	200	1800	540	225	1400	525	255
0	24.0	2600	600	210	2200	590	235	1750	580	265
5	28.2	3050	620	215	2600	640	245	2150	630	270
10	32.8	3500	690	225	3100	690	250	2600	690	280
15	37.7	4050	730	235	3550	735	260	3100	740	295
20	43.0	4600	780	245	4100	780	275	3600	795	305
25	48.8	5150	820	255	4600	835	285	4100	850	320
30	54.8	5700	870	265	5150	890	295	4700	915	330
35	61.5	6300	920	280	5700	940	310	5200	970	345
40	68.5	6900	965	290	6350	1000	325	5800	1030	360
45	76.0	7600	1020	305	6900	1050	335	6200	1090	370

Return gas temp. 20°F max superheat above 20°F evap.
40°F max below 20°F evap., 5°F subcooling

Date: 4-1-97

SPECIFICATIONS	AKA9446EXDXC
Nominal Voltage	230/208-60-1
Unit B/M	2C235-9
Voltage Range	253 to 187
Min. Circuit Ampacity	6.1
Max. Fuse Size (Amps)	15
Compressor Model	AKA9442EXD
Bill of Material	AK165ET-038
RLA/LRA	4.3/31.0
Fan RLA	.70
Relay Box Assy.	AE1197-029
ESP Overload	P83509
ESP Relay	P82961
Start Cap.	85685
Rating	72-88/330V
Fan Motor	TFM352
Fan Motor Brckt.	57144
Fan Blade	51541-1
Shroud	70724-2
Condenser	50798-2
Fan Guard	71020
Run Cap	85PR370E36
Rating	15/370V
Receiver Tank	51080-1
Rec. Tank RL Valve	31584 (1/4"F)
Suction Rotolock	31579 (1/2"F)
Unit Drawing	SU1909-24
Schematic or Elect. Dwg.	90719-1



.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
SA Certified ----------Canadian File #12964C ----------USA File #8873C